



Calcule :

$$(1) \int (5x^2 - 8x + 3) dx$$

$$(2) \int \frac{-4}{3x^5} dx$$

$$(3) \int (2x - 6) dx$$

$$(4) \int (9 + x)^2 dx$$

$$(5) \int (1 + 3t) \cdot t^2 dt$$

$$(6) \int \frac{x^2 + 4}{x} dx$$

$$(7) \int \frac{1}{u\sqrt{u}} du$$

$$(8) \int \frac{x^2 + 4x - 3}{\sqrt{x}} dx$$

$$(9) \int \left(\sqrt{x} + \frac{1}{3\sqrt{x}} \right) dx$$

$$(10) \int \left(1 - \frac{x}{4} \right) dx$$

$$(11) \int \frac{-1}{2x} dx$$

$$(12) \int (7 \sin x - e^x) dx$$

$$(13) \int (\cos x + \pi) dx$$